

ABSTRACT OF THE DISCLOSURE

5 The present invention provides a human prostate-associated kallikrein (HPAK) and polynucleotides which identify and encode HPAK. The invention also provides genetically engineered expression vectors and host cells comprising the nucleic acid sequences encoding HPAK and a method for producing HPAK. The invention also provides for antibodies or antagonists specifically binding HPAK, and their use, in the prevention and treatment of
10 diseases associated with expression of HPAK. Additionally, the invention provides for the use of antisense molecules to polynucleotides encoding HPAK for the treatment of diseases associated with the expression of HPAK. The invention also provides diagnostic assays which utilize the polynucleotide, or fragments or the complement thereof, and antibodies specifically binding HPAK.